

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	12	("20040149705"   "20040179253"   "20050018996"   "5699185"   "6803540"   "6949215").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 14:33
S2	2	"0540759".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 14:34
S3	6	250/208.1.ccls. and laser and (phase near2 modulat\$3) and hologram	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 14:38
S4	311	359/1,9,10,11,27,30,31.ccls. and laser and (phase near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 14:43
S5	207	359/1,9,10,11,27,30,31.ccls. and laser and (phase near2 modulat\$3) and (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 15:00
S6	67	359/1,9,10,11,27,30,31.ccls. and laser and (phase near2 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 15:53
S8	227	laser and (phase near2 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:11
S9	16	348/40.ccls. and laser and (phase near2 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:21

S10	1	250/550.ccls. and laser and (phase near2 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:22
S11	5	"250"/\$.ccls. and laser and (phase near2 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:23
S12	3	250/216.ccls. and laser and (phase near2 modulat\$3) and (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/21 16:25
S13	69	("3700902"   "3744879"   "3861784"   "4647154"   "4949389"   "5090795"   "5119214"   "5142413"   "5155606"   "5210625").PN. OR ("5426521"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 09:17
S14	43	laser and (spatial near4 phase near4 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 09:54
S15	24	laser and (phase near4 modulat\$3) same (hologram with imag\$3) and (sawtooth (fresnel near2 zone))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 10:46
S16	0	"353"/\$.ccls. and (spatial near4 phase near4 modulat\$3) same (hologram with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 11:41
S17	24	"353"/\$.ccls. and (phase near4 modulat\$3) and (hologra\$4 with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 12:49
S18	52	("3588217"   "3782804"   "3867009"   "3941456"   "4035068").PN. OR ("4155630"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 12:50

S19	56	laser and (phase near4 modulat\$3) same (hologra\$4 with imag\$3 with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 13:00
S20	8	("5132839"   "6436490").PN. OR ("6753990").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 14:05
S21	11	("4084255"   "5050220"   "5239595").PN. OR ("5343415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/22 14:05
S22	2	("5748347").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:49
S23	36	laser and (phase near4 modulat\$3) same (hologra\$4 with imag\$3 with data) and (shift\$3 displac\$5 mov\$3 (change near2 position)) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 14:52
S24	358	laser and (phase near4 modulat\$3) same (hologra\$4 with imag\$3) and (shift\$3 displac\$5 mov\$3 (change near2 position)) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/22 15:08
S25	541	laser and (phase near4 modulat\$3) same (hologra\$4) and (shift\$3 displac\$5 mov\$3 (change near2 position)) with image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 08:49
S26	183	laser and (phase near4 modulat\$3) same (hologra\$4) and ((shift\$3 displac\$5 mov\$3 (change near2 position)) with image same (synthesiz\$3 unify combin\$3 fuse mix\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/23 09:02
S27	4	("5514127"   "5841489"   "6525821"   "6710292").PN. OR ("6808523").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/23 09:20
S28	44	("3890035"   "4673241"   "4695973"   "4842379"   "4917465"   "4941735"   "5026132"   "5050965"   "5056895"   "5090789"   "5098803"   "5101397"   "5119214"   "5142385"   "5225920").PN. OR ("5497254").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/23 10:20

S29	211	laser and (phase near4 modulat\$3) same (hologra\$4) and ((shift\$3 displac\$5 mov\$3 change) near2 position) and image same (synthesiz\$3 unify combin\$3 fuse mix\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 09:40
S30	10	laser and (phase near4 modulat\$3) same (hologra\$4) and ((shift\$3 displac\$5 mov\$3 change) near2 position) same image same (synthesiz\$3 unify combin\$3 fuse mix\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 09:41
S31	65	("4436376"   "4601545"   "5018838"   "5071229"   "5095459"   "5150234"   "5451766"   "5477354").PN. OR ("5815233"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 09:53
S32	18	laser and (phase near4 modulat\$3) same (computer processor camera) and ((shift\$3 displac\$5 mov\$3 change) near2 position) same image same (synthesiz\$3 unify combin\$3 fuse mix\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 09:57
S33	8	laser and (phase near4 modulat\$3) same ((shift\$3 displac\$5 mov\$3 change) near2 position) same image same (synthesiz\$3 unify combin\$3 fuse mix\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 09:58
S34	148	laser and (phase near4 modulat\$3) same ((shift\$3 displac\$5 mov\$3 change) near2 position) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 10:00
S36	33	laser and (phase near4 modulat\$3) and ((shift\$3 displac\$5 mov\$3 change) near2 position) same image and (correct\$3 with wavefront)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 10:03
S37	27	("3819248"   "3891976"   "4370024"   "4586053"   "4734558"   "4818835"   "4937424"   "4949389"   "4961615"   "5119214"   "5121228"   "5132813"   "5159474"   "5194971"   "5438440").PN. OR ("5589955"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/27 10:12
S40	11	laser and (phase near4 modulat\$3) and ((shift\$3 displac\$5 mov\$3 change) near2 position) with image and (correct\$3 with wavefront)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 10:52

S41	32	"345"/\$.ccls. and laser and (phase near2 modulat\$3) and hologram	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 16:08
S42	1	laser and (phase near4 modulat\$3) same ((shift\$3 displac\$5 mov\$3 change) near2 position) same (horizontal (X and Y) same image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/27 16:08
S43	57	"345"/\$.ccls. and laser and (phase near2 modulat\$3) and hologra\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:15
S44	41	(manabu near2 seo).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:16
S45	19	("20030010762"   "20030213770"   "20040200818"   "20050018996"   "20050048383"   "20050191771"   "20060261050"   "20070202619"   "20080151253"   "4947398"   "5000548"   "5526338"   "5966364"   "6016212"   "6175096"   "6610050"   "6769769"   "6803540"   "7065035").PN. OR ("7518086"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 10:24
S46	104	(yamada near2 yasufumi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:26
S47	158	250/216,550,208.1,201.9.ccls. and laser and (phase near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:50
S48	63	(norikane near2 yoshihiro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 10:58

S49	145	250/216,550,208.1,201.9.ccls. and laser and (spatial near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 11:09
S50	11	("4561119"   "4752120"   "4768852").PN. OR ("4987607").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 11:22
S51	37	laser and (spatial near2 modulat\$3) and (image same (shift mov\$3 transl\$3) with position) and saw \$1tooth	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 11:34
S52	29	(US-20090147330-\$ or US-20030120325-\$ or US-20040179253-\$ or US-20030152756-\$ or US-20040037462-\$).did. or (US-5426521-\$ or US-5629802-\$ or US-5768242-\$ or US-6950195-\$ or US-5018838-\$ or US-5159474-\$ or US-6560001-\$ or US-5343415-\$ or US-6753990-\$ or US-5748347-\$ or US-5225920-\$ or US-5497254-\$ or US-5682214-\$ or US-5724447-\$ or US-5740276-\$ or US-6808523-\$ or US-4695973-\$ or US-6370166-\$ or US-5815233-\$ or US-5589955-\$ or US-4987607-\$ or US-6847461-\$ or US-5907312-\$).did. or (WO-2006041191-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2009/07/28 14:05
S53	6	S52 and puls\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 14:06
S54	1	("5656229").PN. OR ("6949215").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/28 14:24
S55	4	"353"/\$.ccls. and (phase near4 modul\$3) and (hologra\$4 with imag\$3) and (beam near2 position \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 15:32
S56	315	laser and (phase near4 modul\$3) and (hologra\$4 with imag\$3) and (beam near2 position\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 15:36

S57	31	laser and (phase near4 modulat\$3) and (hologra\$4 with imag\$3) and (beam near2 position\$3) same (reference with pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 15:45
S58	763	laser and (phase near4 modulat\$3) and (hologra\$4 with imag\$3) and (reference with pattern)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 15:46
S59	182	laser and (phase near4 modulat\$3) same (reference with pattern) and (hologra\$4 with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 15:47
S60	13	laser and (phase near4 modulat\$3) same (reference with pattern) same camera and (hologra\$4 with imag\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 16:11
S61	205	(laser with machin\$3) and (reference with image) and (spatial near2 modulat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 09:17
S62	158	(laser with machin\$3) and (reference with image) and (spatial near2 modulat\$3) and camera	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/29 09:17
S63	32	(US-20090147330-\$ or US-20030120325-\$ or US-20040179253-\$ or US-20030152756-\$ or US-20040037462-\$ or US-20030010763-\$ or US-20020190040-\$).did. or (US-5426521-\$ or US-5629802-\$ or US-5768242-\$ or US-6950195-\$ or US-5018838-\$ or US-5159474-\$ or US-6560001-\$ or US-5343415-\$ or US-6753990-\$ or US-5748347-\$ or US-5225920-\$ or US-5497254-\$ or US-5682214-\$ or US-5724447-\$ or US-5740276-\$ or US-6808523-\$ or US-4695973-\$ or US-6370166-\$ or US-5815233-\$ or US-5589955-\$ or US-4987607-\$ or US-6847461-\$ or US-5907312-\$ or US-6717104-\$).did. or (WO-2006041191-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2010/01/06 17:51

S64	1	S63 and (horizontal vertical) near5 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 17:52
S65	18	359/9,10,11.ccls. and (horizontal vertical) near5 data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 17:52
S66	1	359/9,10,11.ccls. and ((horizontal vertical) near5 data) and (sawtooth and fresnel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 17:58
S67	1	((spatial near4 modulat\$3) and ((horizontal vertical) near5 data) and (sawtooth and fresnel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 17:59
S68	620	((spatial near4 modulat\$3) and ((horizontal vertical) near5 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 18:01
S69	348	((spatial near4 modulat\$3) and ((horizontal vertical) near5 data) and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/06 18:01
S70	104	((spatial near4 modulat\$3) and ((horizontal vertical) near5 data) and laser and hologra\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 09:22
S72	25	((spatial near4 modulat\$3) same ((horizontal vertical) near5 data) and laser and hologra\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 09:56
S74	14	((spatial near4 modulat\$3) same hologra\$4 same ((horizontal vertical) near5 data) and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 09:57



S75	4	("5995251"   "6233083"   "6256281").PN. OR ("7079469"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 10:22
S76	8	("5377176"   "5510912"   "5627664"   "5715316"   "5727226"   "5940514"   "6512733"   "6536665").PN. OR ("7200096"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 10:23
S77	316	((phase spatial) near4 modulat\$3) same hologra\$4) and (((parallel horizontal) (perpendicular vertical)) near5 data) and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:40
S78	5	((phase spatial) near4 modulat\$3) same (((parallel horizontal) (perpendicular vertical)) near5 data) same (computer generator) and laser and hologra\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 10:58
S79	9	((phase spatial) near4 modulat\$3) same (hologra\$4 near5 data) same (computer generator) and laser and ((horizontal vertical) and (sawtooth fresnel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 11:03
S80	55	((phase spatial) near4 modulat\$3) same (hologra\$4 near5 data) and laser and ((horizontal vertical) and (sawtooth fresnel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/07 11:03
S81	1013	359/554-557.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 13:52
S82	109	359/554-557.ccls. and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 13:56

**EAST Search History (Interference)**

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**1/ 11/ 2010 2:05:29 PM****C:\ Documents and Settings\jbennett\ My Documents\ EAST\ Workspaces\ 10582895.wsp**